IN THE CLAIMS

1. (Currently Amended) A method of providing a human-computer user interface, comprising the steps of:

(a) providing the user with ~~navigational tools~~ a user interface for defining and retrieving objects based on a resource locator thereof;

(b) providing access to an object search engine for selecting objects from a set of objects, according to a user-defined information content criteria, and returning at least respective resource locators of selected objects; and

(c) ~~providing~~ presenting to the user at least three of the selected objects according to a ~~an~~ hierarchal organizational structure having at least three hierarchal levels, a respectively lower level falling within a respectively higher level having a generic characteristic ~~in graphic format for the set of objects~~, wherein ~~the~~ a selected object is automatically placed within the hierarchal organizational structure ~~is automatically generated~~ based on a respective information content of ~~or linkage between~~ the at least two selected objects, to thereby group objects having an information content relation and classify characteristics of objects within classes.

2. (Currently Amended) The method according to claim 1, further comprising the step of inserting objects extrinsic to the user-defined ~~search~~ information content criteria into the hierarchal organizational structure of selected objects.

3. (Original) The method according to claim 2, wherein the extrinsic objects comprise commercial messages.

4. (Original) The method according to claim 2, wherein the extrinsic objects comprise objects identified through a collaborative filter process.

5. (Original) The method according to claim 2, wherein the extrinsic objects are contextually related to the user-defined search criteria.

6. (Original) The method according to claim 2, wherein the extrinsic objects are contextually appropriate for a positioning within the hierarchal organizational structure.

7. (Currently Amended) The method according to claim 1, wherein the hierarchal organizational structure comprises a tree structure displaying at least three hierarchal levels within a graphic user interface.

8. (Original) The method according to claim 1, wherein the hierarchal organizational structure comprises a hyperbolic tree structure.

9. (Original) The method according to claim 1, wherein the hierarchal organizational structure comprises a display generated by a hyperbolic tree applet.

10. (Currently Amended) The method according to claim 3, further comprising the step of charging ~~wherein~~ a commercial message sponsor ~~pays~~ for delivery of commercial messages based on a semantic context of message delivery.

11. (Original) The method according to claim 3, further comprising the step of charging ~~wherein~~ a commercial message sponsor ~~pays~~ for delivery of commercial messages based on a value of a subsequent commercial transaction with the user.

12. (Currently Amended) The method according to claim 3, wherein the extrinsic objects are identified through a collaborative filter process.

13. (Original) The method according to claim 3, wherein the extrinsic objects are contextually related to the user-defined search criteria.

14. (Original) The method according to claim 1, wherein the hierarchal organizational structure comprises a state independent information object.

15. (Original) The method according to claim 1, further comprising the step of ranking members of the set of objects within a single hierarchal class based on a correspondence to the user-defined content criteria.

16. (Original) The method according to claim 1, further comprising the step of receiving a ranking preference from the user for a ranking method for ranking members of the set of objects within a single hierarchal class.

17. (Original) The method according to claim 1, further comprising the step of graphically representing a history of access to the set of objects.

18. (Currently Amended) The method according to claim 1, further comprising the steps of manipulating an object within the hierarchal organizational structure through ~~the~~ a graphic user interface, and requesting information content corresponding to the manipulated object.

19. (Currently Amended) The method according to claim 1, wherein at least two distinct predetermined hierarchical organizations of information are provided, each having at least three hierarchal levels for a universe of objects, further comprising the steps of:

(a) ~~defining~~ selecting a relevant hierarchy from among the at least two distinct predetermined hierarchical organizations of information;

(d) displaying links to the ~~set of~~ selected objects according to the relevant hierarchy; and

(e) storing at least a subset of the presented links within the relevant hierarchy as a state independent object.

20. (Currently Amended) The method according to claim 1, further comprising the step of defining a user profile, for modifying at least one of the selection by the object search engine, and a hierarchy ~~wherein user profile is stored in an encrypted form which is resistant to detailed interrogation~~.

21. (Original) The method according to claim 1, further comprising the step of presenting the hierarchal organizational structure with an applet, wherein the returned respective resource locators of selected objects are transmitted to the applet, which formats the set of objects in the graphic format hierarchal organizational structure, based on a relationship of a content corresponding to each object.

22. (Currently Amended) The method according to claim 1, further comprising the step of providing an adaptive user profile applet, comprising a collaborative filter for initial classification, which is subsequently ~~is~~ modified based on user observation, wherein the user-defined content criteria is based on an explicit user input and a function of the adaptive user profile applet.

23. (Currently Amended) The method according to claim 1, further comprising the step of defining the hierarchal organizational structure as a user taxonomic hierarchy of interests, correlating the user taxonomic hierarchy with a set of reference ~~references~~ taxonomic hierarchies, and modifying the user taxonomic hierarchy based on sets of rules associated with a reference taxonomic hierarchies having high correlations.

24. (Original) The method according to claim 1, wherein at least one object has an associated digital rights rule, further comprising the step of applying digital rights rules to accesses of objects by the user.

25. (Currently Amended) The method ~~accoding~~ according to claim 24, wherein at least one digital rights rule provides a positive incentive to the user.

26. (Original) A computer readable medium having stored thereon a software program for executing the method according to claim 1.

27. (Currently Amended) A system for providing a human-computer user interface, comprising:

(a) a set of navigational tools for defining and retrieving objects based on a resource locator thereof;

(b) an interface for an object search engine for selecting a set of objects according to a user-defined information content criteria and returning respective resource locators of selected objects; and

(c) ~~means for~~ an output, presenting selected objects automatically located within a ~~an~~ hierarchal organizational structure ~~in graphic format for the set of objects, wherein the hierarchal organizational structure is automatically generated~~ based on a an information content of ~~or linkage between~~ respective objects, a respectively lower hierarchal level falling within a respectively higher hierarchal level having a generic characteristic, wherein objects having related information content are grouped together and each group represents an information classification.

28. (Currently Amended) The system according to claim 27, wherein objects extrinsic to the user-defined ~~search~~ information content criteria are inserted into the hierarchal organizational structure of selected objects.

29. (Original) The system according to claim 28, wherein the extrinsic objects comprise commercial messages.

30. (Original) The method according to claim 28, wherein the extrinsic objects comprise objects identified through a collaborative filter process.

31. (Original) The system according to claim 28, wherein the extrinsic objects are contextually related to the user-defined search criteria.

32. (New) A method, comprising the steps of:

(a) receiving a user input for selecting objects from a set of objects having varying relevance to the user input;

(b) selecting objects from the set of objects according to a correspondence between the user input and an information content associated with respective objects;

(c) automatically organizing the selected objects within classes of a taxonomic hierarchy according to a respective information content, the taxonomic hierarchy having at least three levels, a class at a respective level meeting a classification generic for a respective class at inferior level classification below it, and objects at a same inferior level within different classes not being generic for each other; and

(d) outputting representations of the selected objects organized within the taxonomic hierarchy.